

AVTEX FIBERS, INC.
ENFORCEMENT REMOVAL ADMINISTRATIVE RECORD FILE *
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I. ENFORCEMENT DOCUMENTS

1. Memorandum to VRO file, State Water Control Board, from J.A. Fromal, State Water Control Board, re: General Information from Mr. Warren Miller, 2/28/86. P. 100001-100001.
2. Report: TSCA Section 6(e) PCB Inspection Report, Avtex Fibers, Inc., prepared by Mr. Ronald Jones, U.S. EPA, 8/11/87. P. 100002-100020.
3. Administrative Order by Consent In the Matter of: Avtex Fibers Site, 1/28/88. P. 100021-100035.
4. Report: TSCA Section 6(e) PCB Inspection, Transformer Consultants, prepared by Mr. Charles Hufnagel, U.S. EPA, 7/21/88. P. 100036-100040.
5. Memorandum to PJ Head, FMC Law Department, from RJ McManus, FMC Law Department, re: Transmittal of Virginia's lawsuit against Avtex, 11/7/88. P. 100041-100062. Two letters concerning the lawsuit and the actual complaint are attached.
6. Letter to Mr. Wayne R. Walters, U.S. EPA, from Mr. Robert L. Collings, Morgan Lewis & Bockius, re: Transmittal of a Deed of Trust for the Front Royal plant, 1/24/89. P. 100063-100079. The Deed of Trust is attached.
7. Administrative Order, In the Matter of: Avtex Fibers Superfund Site, 6/30/89. P. 100080-100121.
8. Letter to Mr. Wayne Walters, U.S. EPA, from Mr. Brian J. Clark, Morgan, Lewis & Bockius, re: Response to the Administrative Order, 7/20/89. P. 100122-100125.
9. Letter to Mr. Wayne R. Walters, U.S. EPA, from Mr.

* Administrative Record File available 8/21/90, updated 9/7/90, 10/9/91, 3/5/92, 9/16/92, 3/18/98 and 5/26/99.

Note: Company or organizational affiliation is identified in the index only when it appears in the file.

Steven Engelmeyer, Attorney, re: Response to the
Administrative Order, 7/20/89. P. 100126-100128.

10. Chain of Custody Records, Avtex Fibers, 9/89-1/90.
P. 100129-100159.
11. Pollution Reports #1-94, 9/5/89-2/5/90. P. 100160-
100378.
12. Verified Motion for Temporary Injunction, Commonwealth
of Virginia vs. Avtex Fibers, 9/19/89. P. 100379-
100388.
13. Letter to file from P.J. Malina, Jr., re: Meeting on
the PCB clean-up, 9/20/89. P. 100389-100415. The
following are attached:
 - a) a letter about PCB sampling;
 - b) a PCB annual document;
 - c) a letter clarifying transformer
identification;
 - d) two hazardous waste manifests;
 - e) four Power House Roof Testing maps;
 - f) four testing charts;
 - g) a quality assurance plan;
 - h) a letter concerning a PCB laden transformer;
 - I) pollution report #3.
14. Affidavit of Mr. Richard Hughes, Commonwealth of
Virginia vs. Avtex Fibers, Inc., 9/21/89.
P. 100416-100426.
15. Memorandum to Mr. Tom Voltaggio, U.S. EPA, from Mr.
Richard L. Brunner, U.S. EPA, re: Risk calculation
regarding exposures to PCB levels, 9/21/89.
P. 100427-100430.
16. Accelerated Storm Sewer Action Plan, 9/23/89-11/9/90.
P. 100431-100431.
17. Order, Commonwealth of Virginia vs. Avtex Fibers, Inc.,

10/13/89. P. 100432-100437.

18. Administrative Order, In The Matter Of: Avtex Fibers Site, Docket No. III-90-01-DC, 10/31/89. P. 100438-100454. A map of the site is attached.
19. Report: Response Measures Work Plan, Volume I, II, and III, prepared by Avtex Fibers Front Royal Inc., 11/7/89. P. 100455-101760.
20. Memorandum to Mr. Jonathan Z. Cannon, U.S. EPA, from Mr. Edwin Erickson, U.S. EPA, re: Request for Approval on Removal-Action, 11/11/89. P. 101761-101771.
21. Letter to Mr. Harry T. Daw, U.S. EPA, from Mr. Brian J. Clark, Morgan, Lewis & Bockius, re: Avtex performance of Section 106 CERCLA Orders, 11/14/89. P. 101772-101773.
22. Transmittal Sheet to Mr. Harry Daw, U.S. EPA, from Mr. Ken Wagner, Avtex, 11/15/89. P. 101774-101817. The following are attached:
 - a) a shipping order;
 - b) a memorandum with an attached TSCA PCB Inspection Report;
 - c) two memoranda regarding PCB sampling;
 - d) an investigation summary;
 - e) a Chain of Custody record;
 - f) thirteen Uniform Hazardous Waste Manifests;
 - g) a Certificate of Destruction.
23. Sulfate Basin Sampling Report, 11/16/89. P. 101818-101821.
24. Letter to Mr. David Toussignant from Mr. Wayne R. Walters, U.S. EPA, re: Transmittal of an Administrative Order, 11/29/89. P. 101822-101834. The Administrative Order, In the Matter of: Avtex Fibers Site is attached.
25. Avtex Fibers, Inc., Interview questions concerning the Avtex Fibers Industries Site, 12/19/89. P. 101835-

101838.

26. Report: Precipitation/Flocculation Treatability Investigation for the Avtex Fibers Facility, prepared by Ecology and Environment, Inc., 1/90. P. 101839-101897.
27. Memorandum to Mr. Edwin B. Erickson, U.S. EPA, from Mr. Robert E. Caron, U.S. EPA, re: Request for approval for a funding increase, 1/5/90. P. 101898-101911.
28. Letter to Ms. Elaine Spiewak, U.S. EPA, from Mr. Mark diFelicianantonio, CDM Federal Programs Corporation, re: Transmittal of phone logs for Avtex, 7/24/90. P. 101912-101928.
29. Record of Decision, Avtex Fibers, Inc., (undated). P. 101929-102002.
30. Summary of Minerals, prepared by Clement Associates, (undated). P. 102003-102034.
31. A copy of the U.S. EPA Federal Register, Amendment to National Oil and Hazardous Substances Contingency Plan, 6/10/86. P. 102035-102059.
32. U.S. EPA, Public Notice, re: Administrative Record availability for the Avtex Fibers Site, (undated). P. 102060-102060.
33. Report: Remedial Investigation Report, Interim Final Report, Administrative Order on Consent, Remedial Investigation/Feasibility Study, Avtex Fibers, Inc., prepared by Geraghty and Miller, Inc., 8/88. P. 102061-102553.
34. Letter to Mr. Robert Fields, FMC Corporation, from Mr. Harry T. Daw, U.S. EPA, re: FMC's agreement to provide potable water to a resident of the Rivermont Acres neighborhood of Front Royal, Virginia, 5/3/90. P. 102554-102587. A memorandum regarding verbal notice of potential liability to FMC Corporation and information on chromium, mercury, cadmium, arsenic, polychlorinated biphenyls, zinc, and phenol chemicals are attached.
35. Record of Decision, Avtex Fibers Site, (undated). P. 102588-102661.

36. Administrative Order for Removal Response Actions, In The Matter Of: Avtex Fibers Site. FMC Corporation, Respondent, Docket No. III-91-48-DC, 10/22/91. P. 102662-102673.
37. Administrative Order, In The Matter Of: Avtex Fibers Site. FMC Corporation, Respondent, Docket No. III-90-12-DC, 2/2/90. P. 102674-102692.
38. Letter to Mr. Anthony H. Murray, Jr., Avtex Fibers, from Mr. Wayne R. Walters, U.S. EPA, re: EPA's concern about site security and health and safety, 8/22/90. P. 102693-102694.
39. Administrative Order for Removal Response Activities, In The Matter Of: Avtex Fibers Superfund Site. Avtex Fibers, Inc., Avtex Fibers-Front Royal, Inc., and Anthony H. Murray, Jr., Inc., Trustee, Respondents, Docket No. III-90-38-DC, 8/28/90. P. 102695-102713. A site location map is attached.
40. Handwritten memorandum to file from Mr. Harry T. Daw, U.S. EPA, re: Information from site visits on December 27, 1990 and January 3, 1991, 1/8/91. P. 102714-102714.
41. Handwritten memorandum to file from Mr. Harry Daw, U.S. EPA, re: Oversight of Trustee's removal of double deck machines, 1/21/91-1/25/91. P. 102715-102715.
42. Letter to Mr. Joseph A. Repetto, Joseph A. Repetto Company, from Mr. Vincent E. Zenone, U.S. EPA, re: Procedures and protocols for transmittal of paperwork prior to the departure of materials or equipment from the Avtex Fibers Superfund Site, 1/31/91. P. 102716-102716.
43. Letter to Mr. Anthony H. Murray, Jr. from Mr. Vincent E. Zenone, U.S. EPA, re: Request for removal of 55-gallon drums of transformer oil, 7/31/91. P. 102717-102717.
44. Letter to Mr. Anthony H. Murray, Jr., Anthony H. Murray, Jr., Inc., from Mr. Harry T. Daw, U.S. EPA, re: Request for notification 24 hours prior to the commencement of removal activities and submittal of

progress reports, 11/6/91. P. 102718-102720. A facsimile cover sheet to Mr. Wayne Walters, Ms. Bonnie Guy-Gross, and Mr. Vincent Zenone is attached.

45. Memorandum to Mr. Vince Zenone, U.S. EPA, from Mr. Ray Whitlock, E & E, re: Technical Assistance Team observations on the site, 4/9/92. P. 102721-102721.
46. Memorandum to file from Ms. Bonnie Guy Gross, U.S. EPA, re: Observations made during a site visit, 4/17/92. P. 102722-102722.
47. Pollution Reports #95-641, 2/5/90-4/21/92. P. 102723-104190.
48. Memorandum to file from Mr. Vincent E. Zenone, U.S. EPA, re: Chronology of events leading to the development and implementation of procedures for the removal of assets from the Avtex Fibers Site, 4/23/92. P. 104191-104193.
49. Memorandum to file from Ms. Bonnie Guy Gross, U.S. EPA, re: Observations made during a site visit, 4/27/92. P. 104194-104194.
50. Administrative Order By Consent for Removal Action, In The Matter Of: Avtex Fibers Site. Joseph A. Repetto Company and Joseph A. Repetto, individually, Respondents, Docket No. III-98-30-DC, 5/19/92. P. 104195-104224. Exhibit 1, Avtex Fibers Site map, is attached.
51. Handwritten memorandum to file from Mr. Harry Daw, U.S. EPA, re: Observations during a tour of Avtex Site on December 18, 1991, (undated). P. 104225-104225.
52. Handwritten memorandum to file from Mr. Harry Daw, U.S. EPA, re: Removal and dismantlement of equipment and machinery from polyester dock, (undated). P. 104226-104226.
53. Memorandum to Mr. Donald Clay, U.S. EPA, from Mr. Stephen Luftig, U.S. EPA, re: Recommendation for the approval of a request for a ceiling increase at the site, 10/18/90. P. 104227-104239. A September 20, 1990, memorandum to Mr. Donald Clay, U.S. EPA, from Lee

Tyner, U.S. EPA, regarding comments on a request for a ceiling increase and exemption from the \$2 million limit at the site and an August 20, 1990, memorandum to Mr. Donald Clay, U.S. EPA, from Mr. Edwin Erickson, U.S. EPA, regarding a request for additional funding are attached.

54. Memorandum to Mr. Donald Clay, U.S. EPA, from Mr. Henry Longest, U.S. EPA, re: Recommendation for the approval of a request for a ceiling increase and exemption from the \$2 million statutory limit at the site, 11/22/91. P. 104240-104257. An October 17, 1994, transmittal memorandum to Mr. Edwin Erickson, U.S. EPA, from Mr. Vincent Zenone, U.S. EPA, and an October 18, 1994, memorandum to Mr. Donald Clay, U.S. EPA, from Mr. Edwin Erickson, U.S. EPA, regarding a request for a ceiling increase and exemption from the \$2 million statutory limit is attached.
55. U.S. EPA Pollution Reports #642-660, Avtex Fibers Site, 4/22/92-7/25/92. P. 104258-104312.
56. U.S. EPA Fact Sheet, re: Site facts, Avtex Fibers Superfund Site, Front Royal, Warren County, Virginia, 7/29/92. P. 104313-104316.
57. U.S. EPA Pollution Reports #661-701, Avtex Fibers Site, 8/8/92-2/12/94. P. 104317-104452.
58. Memorandum to Mr. Elliot Laws, U.S. EPA, from Mr. Stanley Laskowski, U.S. EPA, re: Approval of a request for additional funds and exemption from the \$2 million statutory limit at the site, 2/15/94. P. 104453-104465. A February 15, 1994, request for additional funds and exemption from the \$2 million statutory limit at the site is attached.
59. U.S. EPA Pollution Reports #702-740, Avtex Fibers Site, 2/19/94-3/10/95. P. 104466-104593.
60. Memorandum to Mr. Elliott Laws, U.S. EPA, from Mr. Thomas Voltaggio, U.S. EPA, re: Approval of a request for additional funds over the \$2 million statutory limit for the site, 3/17/95. P. 104594-104604. A March 17, 1995, request for additional funds over the \$2 million statutory limit at the site is attached.

61. U.S. EPA Pollution Reports #741-760, Avtex Fibers Site, 3/17/95-9/1/95. P. 104605-104661.
62. Statement of Work Addendum, Avtex Fibers Site, 9/12/96. P. 104662-104663.
63. U.S. EPA Pollution Reports #761-817, Avtex Fibers Site, 9/15/95-9/19/97. P. 104664-104781.
64. Memorandum to Mr. Elliot Laws, U.S. EPA, from Mr. Abraham Ferdas, U.S. EPA, re: Approval of a request for additional funds and a modification of the scope of work at the site, 9/29/97. P. 104782-104793. A September 29, 1997, request for additional funds and a modification of the scope of work is attached.
65. U.S. EPA Pollution Reports #818-821, Avtex Fibers Site, 9/24/97-10/15/97. P. 104794-104803.
66. Letter to Mr. Mike Towle, U.S. EPA, from Mr. William Magowan, Earth Tech, Inc. re: Revised work plan for the Demolition and Decontamination of the Avtex Fibers Site, 10/16/97. P. 104804-104809.
67. U.S. EPA Pollution Reports #822-840, Avtex Fibers Site, 10/22/97-2/25/98. P. 104810-104855.
68. Statement of Work Modification No. 0009, Avtex Fibers Site, (undated). P. 104856-104857.
69. Statement of Work Modification No. 0010, Avtex Fibers Site, (undated). P. 104858-104860.
70. Report: Remedial Investigation Summary Report, Avtex Fibers Superfund Site, Front Royal, Virginia, prepared by Environmental Resources Management, Inc. (ERM), 8/1/94. P. 104861-104938.
71. Letter to Ms. Bonnie Gross, U.S. EPA, from Mr. Berry White, Virginia Department of Environmental Quality, re: Comments regarding the Quality Assurance Work Plan and the Preliminary Ecological Risk Assessment, 2/13/97. P. 104939-104940.
72. Report: Final Quality Assurance Work Plan, Avtex Fibers Site, Front Royal, Warren County, Virginia,

prepared by Mr. David Charters and Mr. Mark Huston, U.S. EPA, and Ms. Nancy Finley, U.S. Fish and Wildlife Service, 4/97. P. 104941-104972.

73. Report: Final Report, Preliminary Ecological Risk Assessment, Avtex Fibers Site, Front Royal, Warren County, Virginia, prepared by Mr. David Charters and Mr. Mark Huston, U.S. EPA, and Ms. Nancy Finley, U.S. Fish and Wildlife Service, 4/97. P. 104973-105189.
74. Report: FMC Response Document, EPA's Final Ecological Risk Assessment, Avtex Fibers Superfund Site, Front Royal, Virginia, prepared by FMC Corporation, 11/97. P. 105190-105302. A February 11, 1998, transmittal letter to Ms. Bonnie Gross, U.S. EPA, from Mr. William Ferguson, FMC Corporation, and a February 3, 1998, letter to Ms. Bonnie Gross, U.S. EPA, from Mr. Ronald Fender, Environmental Resources Management, Inc., regarding comments on the Final Ecological Risk Assessment, are attached.
75. Report: Feasibility and Treatability Study, Zinc Reduction Project, Former Avtex's Fibers Plant, Front Royal, Virginia, prepared by Fluor Daniel GTI, Inc., 1/28/98. P. 105227-105302.
76. Report: Supplemental Response Document to EPA's Final Ecological Risk Assessment, Avtex Fibers Superfund Site, Front Royal, Virginia, prepared by FMC Corporation, 3/6/98. P. 105303-105361. A March 9, 1998, transmittal letter to Ms. Bonnie Gross, U.S. EPA, from Mr. William Ferguson, FMC Corporation, is attached.
77. Report: Preliminary Feasibility for the Benefication of Impounded Zinc-Containing Materials at the FMC-Avtex Fibers Site in Front Royal, VA (USA), prepared by Tallon Metal Technologies, Inc., 10/5/98. P. 105362-105391. A December 9, 1998, transmittal letter to Ms. Bonnie Gross, U.S. EPA, from Mr. Robert Keating, ERM, is attached.
78. Report: Final Ecological Risk Assessment, Volume I,

Text, Tables, Figures, Appendices A through D, Avtex Fibers Site, Front Royal, Warren County, Virginia, prepared by Mr. Mark Sprenger, U.S. EPA, and Ms. Nancy Finley, U.S. Fish and Wildlife Service, 2/99. P. 105392-105880.

79. Report: Final Ecological Risk Assessment, Volume II, Appendices E through H, Avtex Fibers Site, Front Royal, Warren County, Virginia, prepared by Mr. Mark Sprenger, U.S. EPA, and Ms. Nancy Finley, U.S. Fish and Wildlife Service, 2/99. P. 105881-106241.
80. Letter to Mr. William Cutler, FMC Corporation, from Ms. Bonnie Gross, U.S. EPA, re: Transmittal of response to comments regarding EPA's Ecological Risk Assessment, 2/5/99. P. 106242-106270. The response to comments is attached.
81. Letter to Mr. William Cutler, FMC Corporation and Ms. Bonnie Gross, U.S. EPA, from Mr. John Ely, Virginia Department of Environmental Quality, re: Transmittal of comments regarding the Draft Engineering Evaluation Report, 2/26/99. P. 106271-106286. The comments are attached.
82. Letter to Mr. John Ely, Virginia Department of Environmental Quality, from Mr. William Cutler, FMC Corporation, re: Transmittal of response to comments regarding the Draft Engineering Evaluation Report, 3/16/99. P. 106287-106314. The comments are attached.
83. Letter to Mr. John Ely, Virginia Department of Environmental Quality, from Ms. Bonnie Gross, U.S. EPA, re: Transmittal of response to comments regarding the Draft Engineering Evaluation Report, 4/16/99. P. 106315-106334. The comments are attached.
84. Report: Final Engineering Evaluation/Cost Analysis for the Closure of the Sulfate Basins, WWTP Basins, and Fly Ash Basins and Stockpile, Avtex Fibers Superfund Site, Front Royal, Virginia, prepared by ERM, Inc., 5/5/99. P. 106335-106617. A May 5, 1999, transmittal letter to Ms. Bonnie Gross, U.S. EPA, from Mr. Robert Keating, ERM, is attached.

GUIDANCE DOCUMENTS

^{**}1. Guidance on Conducting Non-Time-Critical Removal

^{**} The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) allows non-time-critical removal actions to be taken when there is a planning period of at

Actions Under CERCLA, prepared by U.S. EPA, 8/93. An August 6, 1993, transmittal memorandum to Director, Waste Management Division, Regions I, IV, V, VII, VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III, VI, IX; Director, Hazardous Waste Division, Region X; Director, Environmental Services Division, Regions I, VI, VII; Superfund Branch Chiefs, Regions I-X; and Regional Counsels, Regions I-X, from Mr. Henry Longest, U.S. EPA, is attached.

2. Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments, prepared by U.S. EPA, 6/5/97. A June 2, 1997, transmittal memorandum to Director, Office of Site Remediation and Restoration, Region I; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III, IX; Director, Waste Management Division, Region IV; Director, Superfund Division, Regions V, VI, VII; Assistant Regional Administrator, Ecosystem Protection and Remediation, Region VIII; Director, Environmental Cleanup Office, Region X, from Mr. Stephen Luftig, U.S. EPA, is attached.

least six months before on-site activities need to be initiated and the lead agency determines that a removal action is appropriate. The NCP is available for review at Environmental Protection Agency, Region III.